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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/799,933	03/15/2004	Dac-gyu Bae	Q79988	6838
23373	7590	10/10/2006	EXAMINER	
SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037			LEWIS, ALICIA M	
			ART UNIT	PAPER NUMBER
			2164	

DATE MAILED: 10/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/799,933

Applicant(s)

BAE ET AL.

Examiner

Alicia M. Lewis

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


SAM RIMELL
PRIMARY EXAMINER

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Niwa (US Patent Application Publication 2003/0225696 A1) in view of Christensen et al. (US Patent 6,055,543) ('Christensen').

With respect to claims 1 and 11, Niwa teaches:

extracting information on at least one resource file by parsing an SMIL document (paragraph 130); and

packaging a plurality of files comprising the SMIL document and the at least one resource file into a single segment using the extracted information (paragraphs 85 and 126).

Although Niwa teaches that the SMIL document and at least one resource file are packaged together in a new video segment store in a database, he does not teach that the SMIL document and resource file are packaged into a single file.

Christensen teaches a file wrapper containing cataloging information for content searching across multiple platforms (see abstract) in which he teaches packaging metadata (SMIL document) and content (resource) file into a single file (Figure 5, column 4 lines 52-58, column 6 lines 19-27).

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Niwa by the teaching of Christensen because packaging metadata (SMIL document) and content (resource) file into a single file would enable content and its metadata to be transported together (Christensen, column 6 lines 25-27), searching regardless of file type or the computer system in which the file resides (Christensen, column 9 lines 64-66), a reduction in traffic on the network (Christensen, column 10 line 8), and prevention of lost/separated metadata (Christensen, column 10 lines 15-17).

With respect to claims 2 and 12, Niwa as modified teaches:

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forming a header (Christensen, column 6 lines 32-39, column 7 lines 51-52);
creating file indexing information to access the at least one resource file
(Christensen, column 6 lines 35-39, 45-56); and
creating an SMIL integrated file by packaging the header, the file indexing
information, the SMIL document, and the at least one resource file into a single file
(Figure 5, column 6 lines 19-50).

With respect to claims 3 and 13, Niwa as modified teaches wherein the header
comprises information on the number of the plurality of files included in the SMIL
integrated file and information on a length of the SMIL integrated file (Christensen,
column 6 lines 32-39, column 7 lines 33-36).

With respect to claims 4 and 14, Niwa as modified teaches wherein the header
comprises copyright information of at least one of the SMIL document and the at least
one resource file (Christensen, column 6 lines 33-35).

With respect to claims 5 and 15, Niwa as modified teaches wherein the file
indexing information comprises respective name, length, and offset information of each
of the plurality of files included in the SMIL integrated file (Christensen, column 6 lines
35-39, 45-50, column 7 lines 33-40).

With respect to claims 6 and 16, Niwa as modified teaches further comprising storing a packaged SMIL integrated file. (Niwa, paragraph 126; Christensen, column 5 lines 23-24).

With respect to claim 7, Niwa as modified teaches transmitting a packaged SMIL integrated file (Christensen, column 5 lines 25-27; Niwa, paragraph 179 lines 9-13).

With respect to claims 8 and 17, Niwa as modified teaches:
extracting information for accessing a plurality of files included in an SMIL integrated file by parsing the SMIL integrated file (Christensen, column 5 lines 50-63; Niwa, paragraphs 85 and 126);
providing an SMIL document (Christensen, column 5 lines 56-61; Niwa, paragraph 178); and
providing a predetermined resource file by referring to the information when a request for the predetermined resource file is issued (Christensen, column 5 lines 62-63, column 8 lines 2-5; Niwa, paragraph 178).

With respect to claims 9 and 18, Niwa as modified teaches wherein the operation of extracting the information comprises extracting file indexing information to access the predetermined resource file (Christensen, column 4 lines 57-58, column 5 lines 50-63, column 7 lines 49-55) and the operation of providing the predetermined resource file

comprises providing the predetermined resource file by referring to the file indexing information (Christensen, column 5 lines 62-63, column 8 lines 2-5).

With respect to claims 10 and 19, Niwa as modified teaches wherein the operation of extracting the information comprises extracting respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file, and the operation of providing the predetermined resource file comprises searching for the predetermined resource file by referring to the respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file (Christensen, column 6 lines 35-39, 45-50, column 7 lines 33-40, 49-55).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alicia M. Lewis whose telephone number is 571-272-5599. The examiner can normally be reached on Monday - Friday, 9 - 6:30, alternate Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on 571-272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Alicia Lewis
September 20, 2006



SAM RIMELL
PRIMARY EXAMINER